10-02-00

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No. Mo-4890 First Inventor or Application Identifier Lynn Joens

Improved Vaccines for Proliferative Ileitis and.

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) Express Mail Label No. F1.59832917111S

A Dipute A Tion Control	Accident Community				
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Assistant Commissioner for Patents  ADDRESS TO: Box Patent Application  Washington, DC, 20231				
X * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	Microfiche Computer Program (Appendix)     Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)				
2. X Specification [Total Pages of the Included Pages of the Inclu					
<ul> <li>Descriptive title of the Invention</li> <li>Cross References to Related Applications</li> </ul>	a. Computer Readable Copy				
- Statement Regarding Fed sponsored R & D	b. Paper Copy (identical to computer copy)				
- Reference to Microfiche Appendix	c. Statement verifying identity of above copies				
- Background of the Invention	ACCOMPANYING APPLICATION PARTS				
<ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings (if filed)</li> </ul>	7. Assignment Papers (cover sheet & document(s))				
- Detailed Description	8. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney				
- Claim(s)	9. English Translation Document (if applicable)				
- Abstract of the Disclosure  3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 6]	10. V Information Disclosure V Copies of IDS				
4. Oath or Declaration [Total Pages]	Statement (IDS)/PTO-1449				
a Newly executed (original or copy)	Return Receipt Postcard (MPEP 503)				
Copy from a prior application (37 C.F.R. § 1.63(d)	(Should be specifically itemized)				
(for continuation/divisional with Box 16 completed)	13. Statement(s) Statement filed in prior application				
i. DELETION OF INVENTOR(S) Signed statement attached deleting	Certified Copy of Priority Document(s)				
inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	(if foreign priority is claimed)				
NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY	15. Other:				
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).					
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:					
Continuation Divisional Continuation-in-part (CIP) of prior application No:/					
Prior application information: Examiner Group / Art Unit:  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied					
under Box 4b, is considered a part of the disclosure of the accompanyi reference. The incorporation <u>can only</u> be relied upon what a light the light of the control of the	no continuation or divisional application and is bereby incorporated by				
17. CORNELIE UNDE	ADDRESS				
X Customer Number of Bar Code Labet 0015	7				
IXI Customer Number or Bar Code Labe!   Closert Customer Number or Bar Code Labe!   (Insert Customer Number Numb	" or				
Name					
Name					
Address					
City State	Zip Code				
Country Telephone	Fax				
Name (Print/Type) Godfreid R. Akorli	Registration No. (Attorney/Agent) 28,779				
Signature	Date 09/29/2000				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (12/99)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a

FEE TRANSMITTAL		Complete if Known	
•		Application Number	To Be Assigned
for FY 2	2000	Filing Date	Herewith
Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.		First Named Inventor	Lynn Joens
		Examiner Name	
TOTAL AMOUNT OF PAYMENT	(\$)1,656.00	Group / Art Unit	
		Attorney Docket No.	Mo-4890

The Commissioner is hereby authorized to charge in the commissioner is hereby authorized to charge An Account Number   3-3848   13-3848   15-10   15-1	METHOD OF PAYMENT (check one)	EEE CALCULATION ( II				
Deposit   3-3848		FEE CALCULATION (continued)				
	indicated fees and credit any overpayments to:	Large Entity Small Entity				
Deposit   Bayer Corporation   127 50 227 25   Surcharge - late provisional filing fee or cover sheet.   139 130 139 130 139 130   139 130 139 130   139 13	Account 13_3848	Code (\$) Code (\$)	Fee Paid			
Bayer Corporation		Outcharge state ming lee of Oath	0			
Charge Any Additional Fea Required Under 37 CFR § 1.16 and 11.7	Account Rayer Corporation	cover sheet.				
2.   Payment Enclosed:   112 920 112 920   112	Charge Any Additional Fee Required					
Check		I ⊢				
Check	2. Payment Enclosed:					
1. BASIC FILING FEE Large Entity Small Entity Fee Fae Fee Fee Fee Fee Fee Foe Fee Form Code (\$) Code (\$) Design filing fee G90.00 106 310 206 155 Design filing fee 118 1.850 218 2925 119 300 220 150 119 300 219 150 119 300 219 150 119 300 220 150 119 300 220 150 119 300 220 150 119 300 220 150 119 300 220 150 119 300 220 150 119 300 220 150 119 300 220 150 119 300 221 150 120 221 150 120 221 150 120 221 150 120 221 150 120 221 150 120 221 150	Check Money Down					
1. BASIC FILING FEE   Large Entity Small Entity   Fee   Fe	FEE CALCULATION	115 110 215 55 Extension for reply within first month				
117   870   217   435   Extension for reply within firtr month	1. BASIC FILING FFF	116 380 216 190 Extension for reply within second month				
101 690 201 345   Utility filing fee   690.00   190 001 190		117 870 217 435 Extension for reply within third month				
101 690 201 345   Utility filing fee   690.00   128 1.850 228 925   Extension for reply within fifth month   105 310 206 155   Design filing fee   120 300 220 150   130 300 219 150   130 181 1510   138 1.510   138 1.510 138 1.510   138 1.510		118 1,360 218 680 Extension for reply within fourth month				
106 310 206 155   Design filing fee   119 300 219 150   Notice of Appeal   119 300 219 150   Notice of Appeal   110 8 210 305 220 150   119 300 220 150   119 300 220 150   1119 300 219 150   1119 300 220 150   1110 18 1,510   1119 300 220 150   1120 220 130   122	101 690 201 345 Hillity files (co.	128 1,850 228 925 Extension for reply within fifth month				
107	690.00	119 300 219 150 Notice of Appeal				
108 690 208 345 Reissue filing fee  114 150 214 75 Provisional filing fee  SUBTOTAL (1) (\$\$) 690.00  2. EXTRA CLAIM FEES  Extra Claims below Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe		120 300 220 150 Filing a brief in support of an appeal				
SUBTOTAL (1) (\$) 690.00  2. EXTRA CLAIM FEES  Extra Claims below 140 100 100 111 111 120 111 120 111 120 111 120 111 120 111 120 110 11		121 260 221 130 Request for oral hearing				
SUBTOTAL (1) (\$) 690.00  2. EXTRA CLAIM FEES  Extra Claims Fee from Independent I		138 1,510 138 1,510 Petition to institute a public use proceeding				
2. EXTRA CLAIM FEES  Extra Claims below Fee Paid Notal Claims 26 - 20 - 6		140 110 240 55 Petition to revive - unavoidable				
Extra Claims   Fee   Fee   Fee   Pald   Total Claims   26	SUBTOTAL (1) (\$) 690.00	141 1,210 241 605 Petition to revive - unintentional				
Extra Claims		142 1,210 242 605 Utility issue fee (or reissue)				
Total Claims 26 -20** = 6 × 18 = 108   144 580 244 290   Plant issue fee   Name per per per per per per per per per pe		d 143 430 243 215 Design issue fee				
Claims L4 - 3 = 111 x 78 = 4858   122 130 122 130 Petitions to the Commissioner Multiple Dependent   123 50 123 50 Petitions related to provisional applications   126 240 126 240   126 240 Submission of Information Disclosure Stmt   126 240 126 240   126 240 Submission of Information Disclosure Stmt   126 240 126 240   126 240 Submission of Information Disclosure Stmt   126 240 126 240   126 240 Submission of Information Disclosure Stmt   128 129   128 129   129 129 129   129 129   129 129   129 129   129 129   129 129   129 129 129   129 129   129 129   129 129   129 129   129 129   129 129 129   129 129   129 129   129 129   129 129   129 129   129 129 129   129 129   129 129   129 129   129 129   129 129   129 129 129   129	Total Claims 26 -20** = 6 x 18 = 108	144 580 244 290 Plant issue fee				
Tor number previously paid, if greater; For Reissues, see below Large Entity Small Entity Fee	Claims 14 3 = 11 x 78 = 1858	1 400 50 400 50				
Large Entity Small Entity  Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe		135 240 425 240				
Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20  102 78 202 39 Independent claims in excess of 3  104 260 204 130 Multiple dependent claims over original patent  109 78 209 39 "Reissue independent claims over original patent  110 18 210 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 966.00  SUBMITTED BY  Name (Print/Type) Godfried R. Akorli  Recording each patent assignment per property (times number of properties)  146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a))  149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b))  Other fee (specify)  Other fee (specify)  Reduced by Basic Filing Fee Paid  SUBTOTAL (3) (\$) 0.00  SUBMITTED BY  Complete (if applicable)  Registration No. [Artigney/Agent) 28,779 Telephone 412-777-2340		Submission of Information Disclosure Stmt				
102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claims, if not paid 109 78 209 39 "Reissue independent claims over original patent over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 966.00 Reduced by Basic Filing Fee Paid  SUBMITTED BY  Complete (if applicable)  Registration No. [Artigney/Agent) 28,779 Telephone 412-777-2340		Recording each patent assignment per				
104 260 204 130 Multiple dependent claim, if not paid 109 78 209 39 "Reissue independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 966.00 Reduced by Basic Filing Fee Paid  SUBMITTED BY  Complete (if applicable)  Registration No. [Artigney/Agent) 28,779 Telephone 412-777-2340		Filing a submission after final rejection				
109 78 209 39 "Reissue independent claims over original patent  110 18 210 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 966.00 Reduced by Basic Filing Fee Paid  SUBMITTED BY  Complete (if applicable)  Registration No. [Attd/pney/Agent) 28,779 Telephone 412-777-2340	and the mind point of the capeage of the	149 690 249 345 For each additional invention to be				
SUBMITTED BY  Name (Print/Type)  Godfried R. Akorli  Signature  Godfried R. Akorli  Signature  Other fee (specify)  Reduced by Basic Filing Fee Paid  Other fee (specify)  Reduced by Basic Filing Fee Paid  Substitute  Complete (if applicable)  Telephone 412-777-2340	109 78 209 39 ** Reissue independent claims	examined (57 CFR § 1.129(b))				
SUBMITTED BY  Complete (if applicable)  Name (Print/Type) Godfried R. Akorli  Signature  Signature	THE CACCAS OF ED					
Name (Print/Type) Godfried R. Akorli Registration No.   28,779   Telephone   412-777-2340	SUBTOTAL (2) (\$) 966.00 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00					
Name (Print/Type) Godfried R. Akorli Registration No.   28,779   Telephone   412-777-2340	CUDIVITIES ON					
Signature	Name (Print/Tune) C. 1C. 1 D. A.1. 1.					
	Signature () ()	MIN / / / / /				

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.